



```
MM      MM      CCCCCCCC  RRRRRRRR  IIIIII  NN      NN  TTTTTTTTTT
MM      MM      CCCCCCCC  RRRRRRRR  IIIIII  NN      NN  TTTTTTTTTT
MMM     MMM     CC        RR      RR  II      NN      NN  TT
MMM     MMM     CC        RR      RR  II      NN      NN  TT
MM      MM      CC        RR      RR  II      NNNN     NN  TT
MM      MM      CC        RR      RR  II      NNNN     NN  TT
MM      MM      CC        RRRRRRRR  II      NN      NN  TT
MM      MM      CC        RRRRRRRR  II      NN      NN  TT
MM      MM      CC        RR      RR  II      NN      NN  TT
MM      MM      CC        RR      RR  II      NN      NN  TT
MM      MM      CC        RR      RR  II      NN      NN  TT
MM      MM      CCCCCCCC  RR      RR  IIIIII  NN      NN  TT
MM      MM      CCCCCCCC  RR      RR  IIIIII  NN      NN  TT
```

```
....
....
....
....
```

```
CCCCCCCC  LL      DDDDDDDD
CCCCCCCC  LL      DDDDDDDD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CC        LL      DD      DD
CCCCCCCC  LLLLLLLLLL DDDDDDDD
CCCCCCCC  LLLLLLLLLL DDDDDDDD
```

Version: 'V04-000'

V03-014 MAJ0009 Melanie Johnson 02-Aug-1984  
Pick up some little lost queue manager qualifiers (from  
DCLINT) for the STOP/QUEUE commands to make STOP/ABORT, etc.  
work again.

V03-013 MAJ0008 Melanie Johnson 11-Jul-1984  
Change the misspelling of the ASN qualifier /GLOBAL to /GBL  
which is RSX-compatible and matches the documentation.

V03-012 DLB0002 David Ballenger 18-Apr-1984  
Change ALLOCATE syntax to ALLOCATE /GENERIC DEV

V03-011 MAJ0007 Melanie Johnson 30-Mar-1984  
Add /HANGUP, /FULL, and /BRIEF to BYE. Add /JOB to DEFINE  
and DEASSIGN. Eliminate privilege list - it's not needed here.

V03-010 DLB0001 David Ballenger 23-Mar-1984  
Add /HANGUP qualifier to LOGOUT.

V03-009 MAJ0006 Melanie Johnson 25-Jul-1983  
Fold new xlogical commands back into regular logical command  
names.

V03-008 MAJ0005 Melanie Johnson 22-Jun-1983  
Add the x-logical commands for new logical name system  
service use. Remove all forms of the RUN command; use RUN.CLD  
instead.

V03-007 MAJ0004 Melanie Johnson 13-May-1983  
Add MBX verb, undocumented & unsupported, for subprocesses only.  
Eliminate GOTO and ON commands, which were part of the now  
obsolete imbedded indirect. Update privileges.

V03-006 PRB0175 Paul Beck 26-APR-1983 21:26:34  
Add privileges TMPJNL and PRMJNL.

V03-005 PCA1008 Paul C. Anagnostopoulos 25-Mar-1983  
Make all necessary changes for new CDU.

V03-004 PCA1008 Paul C. Anagnostopoulos 11 Feb 1983  
Add the MCRPARSE flag to the ASN verb, so it is explicit.

V03-003 MAJ0003 Melanie Johnson 11-Feb-1983  
Change OUTPUTS MCR(P1) to OUTPUTS (P1)

V03-002 MAJ0002 Melanie Johnson 07-Jan-1983  
Add CANCEL, RESUME, RUN/CHECKPOINT, and RUN/RESTART.

V03-001 MAJ0001 Melanie Johnson 16-Dec-1982  
Delete definition of HELP

```
define verb allocate
  cliroutine allocate
  prefix cli$k_allo
  parameter p1,prompt='Device',value(required,list,type=$device)
  parameter p2,prompt='Log name',value(type=$outlog)
  qualifier generic
  qualifier log

define syntax merge_queue
  image quemañ

define verb asn
  cliroutine assign
  prefix cli$k_assi
  cliflags(mcrparse)
  parameter p1,prompt='Device',value(type=$infile)
  parameter p2,prompt='Log name',value(type=$outlog)
  qualifier gbl
  qualifier group
  qualifier term
  qualifier queue,          syntax=merge_queue
  qualifier merge,          syntax=merge_queue

  outputs (p1)

define verb bye
  cliroutine logout
  prefix cli$k_logo_
  qualifier brief
  qualifier full
  qualifier hangup

define verb cancel
  cliroutine cancel
  parameter p1,label=p1,prompt='File',value(type=$process)
  qualifier identification,value(required)

define verb continue
  synonym c
  cliroutine continue
  cliflags(abbreviate,nostatus)

define syntax deallocate_all_devices
  noparameters

define verb deallocate
  cliroutine deallocate
  parameter p1,prompt='Device',value(required,type=$device)
  qualifier all,syntax=deallocate_all_devices

define syntax deassign_all_names
  noparameters

define verb deassign
  cliroutine deassign
```



```

parameter p1,prompt="Log name",value(required,type=$inlog)
qualifier system                ! Must be #1.
qualifier group                 ! Must be #2.
qualifier job                   ! Must be #3.
qualifier process               ! Must be #4.
qualifier user_mode             ! Must be #5.
qualifier supervisor_mode      ! Must be #6.
qualifier executive_mode       ! Must be #7.
qualifier table,value(required) ! Must be #8.
qualifier all,syntax=deassign_all_names ! Must be #9.

define verb debug
  cliroutine debug

define type tran_attr
  keyword concealed
  keyword terminal

define type name_attr
  keyword confine
  keyword no_alias

define verb define
  cliroutine define
  prefix cli$kl_defi
  parameter p1,prompt="Log name",value(required,type=$outlog)
  parameter p2,prompt="Equ name",value(required,type=$infile,list)
  qualifier system                ! Must be #1.
  qualifier group                 ! Must be #2.
  qualifier job                   ! Must be #3.
  qualifier process               ! Must be #4.
  qualifier user_mode             ! Must be #5.
  qualifier supervisor_mode      ! Must be #6.
  qualifier executive_mode       ! Must be #7.
  qualifier table,value(required) ! Must be #8.
  qualifier log                  ! Must be #9.
  qualifier name_attributes,     ! Must be #10.
    value(type=name_attr,list)
  qualifier translation_attributes, ! Must be #11.
    placement=positional,
    value(type=tran_attr,list)

! DEPOSIT uses the same qualifiers as EXAMINE, and they must appear
! in the same order.

define verb deposit
  cliroutine deposit
  cliflags(immediate,nostatus)
  qualifier ascii,nonnegatable
  qualifier byte,nonnegatable
  qualifier decimal,nonnegatable
  qualifier hexadecimal,nonnegatable
  qualifier long,nonnegatable
  qualifier octal,nonnegatable
  qualifier word,nonnegatable

```

```
define verb examine
  cliroutine examine
  prefix cli$ exam
  cliflags(immediate,nostatus)
  qualifier ascii,nonnegatable
  qualifier byte,nonnegatable
  qualifier decimal,nonnegatable
  qualifier hexadecimal,nonnegatable
  qualifier long,nonnegatable
  qualifier octal,nonnegatable
  qualifier word,nonnegatable

define verb exit
  cliroutine exit
  cliflags(immediate)

define verb logout
  cliroutine logout
  prefix cli$ logo_
  qualifier brief
  qualifier full
  qualifier hangup

define verb mbx
  cliroutine setmbx
  parameter p1,value(type=$device)

define verb resume
  cliroutine resume
  cliflags(immediate)

define syntax stop_queue
  image quemān
  parameter p1,prompt="Queue",value(required)

define syntax stop_queue_manager
  image quemān
  noparameters

define verb stop
  cliroutine stop
  prefix cli$ stop
  parameter p1,prompt="Process",value(type=$process)
  qualifier manager,          nonnegatable,syntax=stop_queue_manager
  qualifier abort,            nonnegatable,syntax=stop_queue
  qualifier next,              nonnegatable,syntax=stop_queue
  qualifier identification,    nonnegatable,value(required)
  qualifier requeue,          nonnegatable,value,syntax=stop_queue
  qualifier entry,             nonnegatable,value(required),syntax=stop_queue
  qualifier priority,         nonnegatable,value(required),syntax=stop_queue
  qualifier queue,             nonnegatable,syntax=stop_queue
  qualifier hold,              syntax=stop_queue
  qualifier reset,             nonnegatable,syntax=stop_queue

define verb time
```

MCRINT.CLD;1

16-SEP-1984 16:35:45.71<sup>H 11</sup> Page 5

cliroutine showtime



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|               |                  |                |                 |               |                  |                 |                 |                  |               |                  |                |                |               |  |
|---------------|------------------|----------------|-----------------|---------------|------------------|-----------------|-----------------|------------------|---------------|------------------|----------------|----------------|---------------|--|
|               |                  |                | BACKUP<br>CLD   |               | DCLTABLES<br>CLD | DISMOUNT<br>CLD | ENCRYPT<br>CLD  |                  |               |                  |                |                | REPLY<br>CLD  |  |
|               | CLD              |                |                 | CREATE<br>CLD |                  |                 |                 |                  | MCRINT<br>CLD |                  |                |                | SET<br>CLD    |  |
|               | DCLTABLES<br>MAP |                |                 |               | DEF<br>CLD       | DNO<br>CLD      |                 | LIBRARIAN<br>CLD |               |                  | PASCAL<br>CLD  | RUN<br>CLD     |               |  |
|               |                  | ACC<br>CLD     | BAD<br>CLD      |               |                  |                 |                 |                  |               |                  |                |                |               |  |
|               |                  |                |                 | DCLINT<br>CLD | DELETE<br>CLD    | DUMP<br>CLD     | EXCHANGE<br>CLD |                  |               | MORTABLES<br>CLD | PATCH<br>CLD   |                |               |  |
|               |                  |                | CHECKSUM<br>CLD |               |                  |                 |                 |                  |               |                  |                |                |               |  |
|               |                  | ANALYZE<br>CLD |                 |               |                  | EDIT<br>CLD     | FORTRAN<br>CLD  | LINK<br>CLD      |               | MESSAGE<br>CLD   | PHONE<br>CLD   |                |               |  |
|               |                  |                | CLISYMI<br>CLD  |               |                  |                 |                 |                  | MCRSET<br>CLD |                  |                | RUNOFF<br>CLD  |               |  |
| PSECTS<br>R32 |                  |                |                 |               | DIFF<br>CLD      |                 |                 |                  |               |                  |                |                |               |  |
|               | MORTABLES<br>MAP |                | CONVERT<br>CLD  |               |                  |                 | HELP<br>CLD     | MACRO<br>CLD     |               |                  | MONITOR<br>CLD | RECOVER<br>CLD |               |  |
|               |                  |                |                 |               |                  |                 |                 |                  |               |                  |                |                |               |  |
|               |                  |                |                 |               | DIRECTORY<br>CLD |                 |                 |                  |               |                  |                |                | SDL<br>CLD    |  |
| UNLUSR<br>MAR |                  |                | COPY<br>CLD     |               |                  | EDT<br>CLD      | INIT<br>CLD     |                  |               |                  | MOUNT<br>CLD   | RENAME<br>CLD  |               |  |
|               |                  |                |                 |               |                  |                 |                 | MAIL<br>CLD      |               |                  |                |                | SEARCH<br>CLD |  |